



2663

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Approved for use through 11/30/2005. OMB 0681-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | |
|------------------------|---|
| Application Number | 09/833,578 |
| Filing Date | April 13, 2001 |
| First Named Inventor | Apisdorf |
| Title | System and Method for Data Forwarding in a Programmable Network Processor Environment |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 84, 886 |

I hereby appoint:

☒ Practitioners at Customer Number:

26384

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
| | |
| | |
| | |
| | |
| | |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

| | | | |
|--|-------|-----|--|
| <input type="checkbox"/> Firm or Individual Name | | | |
| Address | | | |
| Address | | | |
| City | State | Zip | |
| Country | | | |
| Telephone | Fax | | |

I am the:

☐ Applicant/Inventor,

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/86)

SIGNATURE of Applicant or Assignee of Record

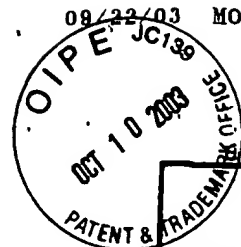
| | | | |
|-----------|----------------------------|-----------|--------------|
| Name | Thomas E. McDonnell | | |
| Signature | <i>Thomas E. McDonnell</i> | | |
| Date | 27 Sept 2003 | Telephone | 703-686-4200 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☐ Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Approved for use through 07/31/2008. OMB 0851-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: The United States as Represented by the Secretary of the Navy

Application No./Patent No.: 09/839,578

Filed/Issue Date: April 13, 2001

Entitled: SYSTEM AND METHOD FOR DATA FORWARDING IN A PROGRAMMABLE NETWORK PROCESSOR ENVIRONMENT
 The United States of America as Represented
 by the Secretary of the Navy

(Name of Assignee)

a Government Agency

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Joel Z. Apisodorf
Sam Sandbofe, Michael D. Poole To: Acorn Networks INC
 The document was recorded in the United States Patent and Trademark Office at
 Reel 011779, Frame 0001, or for which a copy thereof is attached.
2. From: Acorn Networks, INC. To: by the Secretary of the Navy
 The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

22 Sept 2003

Date

703-696-4000

Telephone number

Thomas E. McDonnell

Typed or printed name

Thomas E. McDonnell

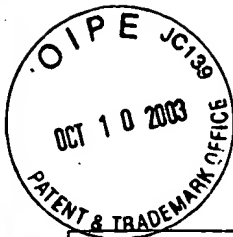
Signature

Patent Counsel of the Navy

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount or time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

4-13-01

05-04-2001



101702227

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
RECEIVED

OCT 20 2003

Technology Center 2600

1033 U.S. PTO
09/833578
04/13/01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment
☐ License
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other

U.S. Government
For Use ONLY by U.S. Government Agencies
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) Joel Zvi Apisdorf

April 13, 2001

Name (line 2)

Second Party

09833578

Name (line 1) Sam Brandon Sandbote

Execution Date
Month Day Year
April 13, 2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Acorn Networks, Inc.

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Name (line 2)

Address (line 1) 11491 Sunset Hills Road

Address (line 2) Suite 350

Address (line 3) Reston VA 20180
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

05 00 2001 00000000 00000000 00000000

10 00 00 10 00 00

Correspondent Name and Address

Area Code and Telephone Number

(703) 456-8000

Name **Cooley Godward LLP**

Address (line 1) **One Freedom Square**

Address (line 2) **Reston Town Center**

Address (line 3) **11951 Freedom Drive**

Address (line 4) **Reston, Virginia 20190-5601**

RECEIVED

OCT 20 2003

Technology Center 2600

Pages

Enter total number of pages of the attached conveyance document including any attachments.

6

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
April 13 2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-1283

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David J. O'Neill (RN 42,953)

Name of Person Signing

Signature

Date



RECEIVED

OCT 20 2003

Technology Center 2600

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLYU.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attachedExecution Date
Month Day Year

April 13, 2003

Name (line 1) Michael Daniel Poole

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day YearExecution Date
Month Day Year

Receiving Party(ies)

Enter additional Receiving Parties

☐ Mark if additional names of conveying parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States; an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States; an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

93072 v1/RE
JZTC011.DOC

Rev. 3/14/01

PATENT
REEL: 011779 FRAME: 0003

Attorney Docket No: ACRN-002/00US

PATENT

ASSIGNMENT
(Joint)

Joel Zvi Apisdorf, residing at, 12205 Nutmeg Lane, Reston, VA 20191; Sam Brandon Sandbote, residing at, 1988 Crescent Park Drive, Reston, VA 20190; Michael Daniel Poole, residing at, 11911 Winterthur Lane, Apt. 101, Reston, VA 20190 (hereinafter each referred to as "Assignor") have made an invention(s) relating to certain new and useful improvements in:

**SYSTEM AND METHOD FOR DATA FORWARDING IN A PROGRAMMABLE
MULTIPLE NETWORK PROCESSOR ENVIRONMENT**

set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
 - (a) ☒ having an oath or declaration executed on April 13, 2001 prior to filing of application; or
 - (b) ☐ bearing Application No. , and filed on ; and

WHEREAS, ACORN NETWORKS, INC. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 11491 Sunset Hills Road, Suite 350, Reston, VA 20190 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

PATENT
REEL: 011779 FRAME: 0004

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is a lawful owner of the entire right, title, and interest in and to the invention(s) set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention(s) or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention(s) in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention(s), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD L.L.P. to insert in the spaces provided above the filing date, application number, the dates of execution of the oath or declaration, and attorney docket number of said application when known;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said invention(s) and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 13 April 2001

By: _____

Joel Zvi Apisdorf

State of: Virginia

County of: Fairfax

The preceding Assignment was acknowledged before me this _____ day of _____

_____ by _____

Notary Public

My Commission Expires:

Date: 4/13/2001

By: 
Sam Brandon Sandbote

State of: VIRGINIA

County of: FAIRFAX

The preceding Assignment was acknowledged before me this _____ day of

_____ by _____.

Notary Public

My Commission Expires:

Date: 13 April 2001

By: 
Michael Daniel Poole

State of: Virginia

County of: Fairfax

The preceding Assignment was acknowledged before me this _____ day of

_____ by _____.

Notary Public

My Commission Expires:

92846 v1/RE
12N2011.DOC

RECORDED: 04/13/2001

PATENT
REEL: 011779 FRAME: 0006

ASSIGNMENT

WHEREAS, ACORN NETWORKS, INC., a corporation organized under the laws of _____
 is the lawful owner of the entire right, title, and interest in the following patents and/or patent applications:

| Patent Title | Application/Patent Number | Inventors |
|---|---------------------------|---|
| Real-Time Scheduler Method and Apparatus | Patent #US 6,195,699 B1 | Jack B Dennis |
| Multithread Computer Design to Support an Advanced Programming Model | 60/166,684 | Jack B Dennis |
| Multiple Buffer Queuing of Data Packets with High Throughput Rate | 09/688,407 | Tam-Anh Chu |
| Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus | 09/715,772 | Jack B Dennis, Sam B Sandbote |
| Locking Memory Accesses in Multi-Thread Computing System | 09/715,773 | Jack B Dennis |
| Prioritizing Resource Utilization in Multi-Thread Computing System | 09/715,778 | Jack B Dennis |
| Priority Mechanism for a Multithreaded Computer | 60/166,885 | Jack B Dennis |
| Integrated Processor for Multithread Computer with Real-Time Input/Output Capability | 60/166,886 | Jack B Dennis |
| Data-Locking Scheme for Multithread Computer | 60/166,867 | Jack B Dennis |
| System and Method for Processing Overlapping Tasks in a Programmable Network Processor Environment | 09/833,581 | Jack B Dennis, Joel Z Apisdorf, Sam B. Sandbote |
| System and Method for Data Forwarding in a Programmable Network Processor Environment | 09/833,578 | Jack B Dennis, Joel Z Apisdorf, Michael D Poole |
| System and Method for Instruction-Level Parallelism in a Programmable Network Processor Environment | 09/833,580 | Joel Z Apisdorf, Sam B. Sandbote |
| Adaptive Control of Multiplexed Input Buffer Channels | 09/859,150 | Sam B Sandbote |
| Shift Processing Unit | 09/933,786 | Sam B Sandbote |


WHEREAS, the Government of the United States, as represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said applications and/or patents; and

WHEREAS, Acom Networks, Inc., is desirous of granting such an assignment;

NOW, THEREFORE, in consideration of good and valuable consideration the receipt of which is hereby acknowledged, Acom Networks, Inc. hereby assigns and transfer to the Government the entire right, title and interest in and to U.S. Patent No. 6,195,699, and in and to U.S. Patent Application Nos. 60/166,884, 09/688,407, 09/715,772, 09/715,773, 09/715,778, 60/166,685, 60/166,686, 60/166,667, 09/833,581, 09/833,578, 09/833,580, 09/859,150, and 09/933,786, and the entire right, title and interest in and to any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Acom Networks, Inc. had this assignment not been made.

Executed this 11th day of JUNE, 2002, at ALEXANDRIA, VA


Signature


Title

UNITED STATES BANKRUPTCY COURT
Eastern District of Virginia
Alexandria Division

In Re:

CASE NO. 02-81375-RGM

ACORN NETWORKS, INC.

Debtor(s)

(Chapter 7)

APPOINTMENT OF INTERIM TRUSTEE AND TRUSTEE
AND DESIGNATION OF REQUIRED BOND

ROBERT O. TYLER of ALEXANDRIA, VIRGINIA,

is hereby appointed Interim Trustee for the estate(s) of the above named debtor(s). Unless a trustee is elected at the meeting of creditors to be called pursuant to Section 341 of Title 11, United States Code, in the above referenced case, the Interim Trustee shall serve as Trustee.


This case is covered by the blanket bond for Chapter 7 case Trustees, a copy of which is on file with the Court.

March 26, 2002

Dated

W. Clarkson McDow, Jr.
United States Trustee

By:


Dennis J. Early
Asst. U.S. Trustee
115 S. Union Street
Suite 210
Alexandria, Virginia 22314
(703) 557-7176